Please amend the claims to read as follows:

Claims 1-15 cancelled.

Claim 16. (New) A method of treating an eye comprising the step of applying at least one highly fluorinated oligomeric compound of the general formula

wherein

 R_F is a linear or branched perfluorinated alkyl chain C_2F_5 to $C_{12}F_{25}$, R^1 and R_2 are independently selected from the group H, CH_3 , C_2H_5 and C_3H_7 , n is selected from the integers 0, 1 and 2, and x is an integer from 2 to 6,

having a molecular weight of at least 750

to an eye as an ophthalmologic treating agent.

- 17. (New) The method of claim 16 wherein the application to the eye is as one of a vitreous body substitute and a retina tamponade.
- 18. (New) The method of claim 16 wherein the application to the eye is as a liquid implant.
- 19. (New) The method of claim 16 wherein the application to the eye is as a tear substitute.
- 20. (New) The method of claim 16 wherein pharmacological agents are mixed with the highly fluorinated oligomeric compound which acts as a carrier therefore before applying to the eye.
- 21. (New) The method of claim 16 wherein a plurality of different ones of said highly fluorinated oligomeric compounds are mixed together before applying to the eye.
- 22. (New) The method of claim 16 wherein said highly fluorinated oligomeric compound is a component of a pharmacological preparation that is applied to the eye.